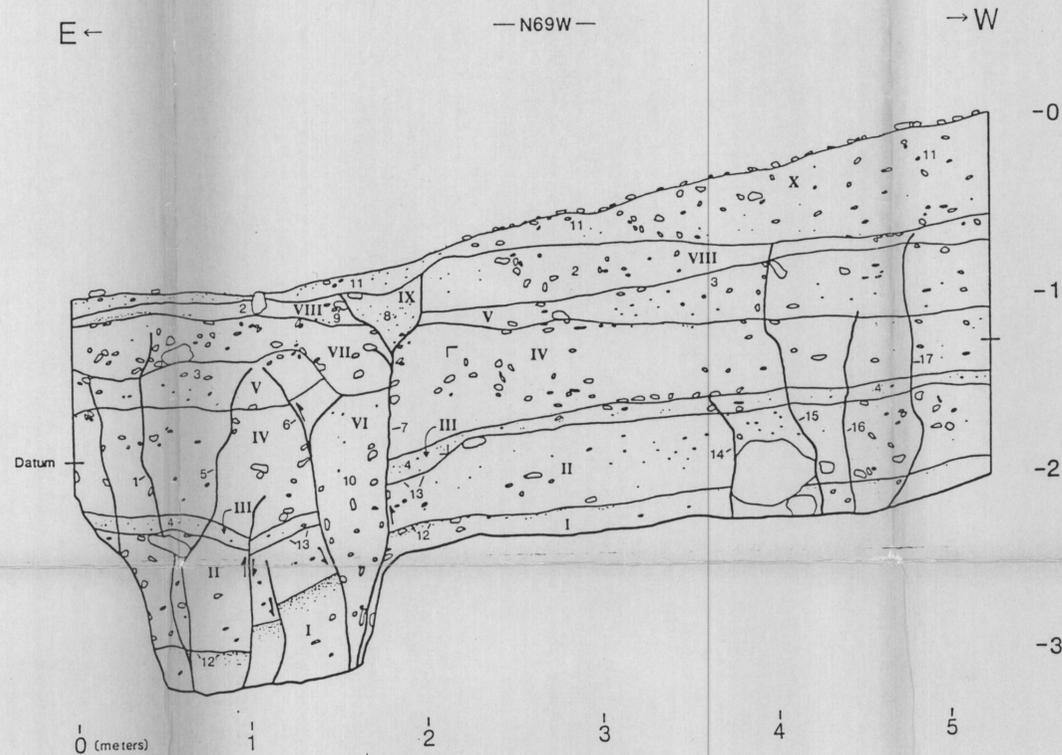


LOG OF TRENCH AT EXCAVATION SITE 2



by  
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EXPLANATION

- Stratigraphic contact
- Fractures
- Cobbles and boulders
- VI Stratigraphic unit
- 8 Annotation

PROCEDURES

The trench wall was cleaned with hand tools and brushes. This procedure was occasionally repeated to provide fresh exposures. A horizontal baseline or datum was constructed along the wall from heavy nails and sturdy string. The horizontality of the datum was determined with a line level. The datum was demarcated at one meter intervals. Key stratigraphic contacts and geologic structures were delineated by nails and colored flagging. The trench was logged by measuring along, and vertically from the datum to contacts and structures.

ANNOTATIONS

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| <p>1 Orientation of this fracture is N35°E. Fracture cuts, but does not displace contacts.</p> <p>2 Unit is a slightly hard, sandy debris flow with only a few cobbles.</p> <p>3 Stage I carbonate coatings are relatively thick and continuous on the undersides and thin and discontinuous on the sides of clasts in this unit.</p> <p>4 Unit is a weakly coherent sandy debris flow that forms a recess in the trench wall.</p> <p>5 Fracture is observed to cut, but not displace contacts. The fracture is filled with a thin coating of carbonate and is orientated N13°E.</p> <p>6 Fracture displaces (about 2 to 3 cm) contact in an apparent reverse sense. Orientation of the fracture is N3°E.</p> <p>7 Fracture displaces contacts and is orientated N22°E.</p> <p>8 Slightly hard to hard, "keystone" block composed of sand and gravel, with a thin coat carbonate on its sides and bottom.</p> | <p>9 Is a "pod" of organic material that may be an infilled burrow or possibly a fracture zone.</p> <p>10 Weakly coherent, gravelly fissure filling lacking imbrication.</p> <p>11 Juvenile Stage I carbonate coatings on the undersides of clasts to within a few 2 or 3 cm of the surface.</p> <p>12 The cumulative offset along this contact is about 61 cm.</p> <p>13 The cumulative offset of this contact is about 32 cm.</p> <p>14 Orientation of fracture is N20°E. The fracture cuts, but does not offset contacts described in Annotations 12 and 13.</p> <p>15 Orientation of fracture is N33°E. Fracture cuts but does not displace contacts.</p> <p>16 Orientation of fracture is N10°E. Fracture cuts but does not displace contacts.</p> <p>17 Orientation of fracture is N25°E. Fracture is delineated by a root "mat" along it and it cuts, but does not offset contacts.</p> |
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